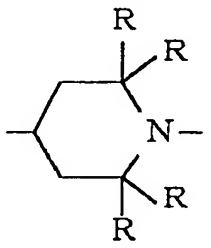
CLAIMS

1. A peroxide curable silicon adhesive composition comprising

20 to 80 parts by weight of a diorganopolysiloxane (A),

80 to 20 parts by weight of a polyorganosiloxane (B) comprising $R^1_3SiO_{0.5}$ unit and SiO_2 unit in a molar ratio of the $R^1_3SiO_{0.5}$ unit to the SiO_2 unit of from 0.6 to 1.7, wherein R^1 is a monovalent hydrocarbon group having 1 to 10 carbon atoms,

0.01 to 1.0 part by weight, based on a total of (A) and (B) of 100 parts by weight, of a hindered amine compound (C) having the molecular structure represented by the following formula,



wherein R is a monovalent hydrocarbon group having 1 to 6 carbon atoms, and

0.1 to 5.0 parts by weight, based on a total of (A) and (B) of 100 parts by weight, of an organic peroxide (D).

2. The peroxide curable silicon adhesive composition according to claim 1, wherein the diorganopolysiloxane (A) comprises 1 to 35 mole % of diphenylsiloxy unit.

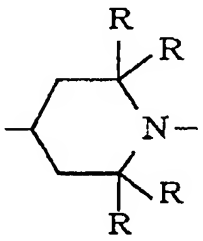
3. An addition-reactive silicon adhesive composition comprising

20 to 80 parts by weight of a diorganopolysiloxane (A') having 2 or more alkenyl groups,

80 to 20 parts by weight of a polyorganosiloxane (B) comprising

$R^1_3SiO_{0.5}$ unit and SiO_2 unit in a molar ratio of the $R^1_3SiO_{0.5}$ unit to the SiO_2 unit of from 0.6 to 1.7, wherein R^1 is a monovalent hydrocarbon group having 1 to 10 carbon atoms,

0.01 to 1.0 part by weight, based on a total of (A') and (B) of 100 parts by weight, of a hindered amine compound (C) having a molecular structure represented by the following formula,



wherein R is a monovalent hydrocarbon group having 1 to 6 carbon atoms,

a polyorganosiloxane (E) having SiH group in such an amount that a molar ratio of the SiH group to the alkenyl group of the component (A') ranges from 0.5 to 20,

0 to 8.0 part by weight, based on a total of (A') and (B) of 100 parts by weight, of a retarder (F), and

a platinum catalyst (G) in such an amount that an amount as platinum ranges from 1 to 5000 ppm based on a total of (A') and (B) of 100 parts by weight.

4. The addition-reactive silicon adhesive according to claim 3, wherein the diorganopolysiloxane (A') comprises 1 to 35 mole % of diphenylsiloxy unit.

5. The addition-reactive silicon adhesive according to claim 3,

wherein the composition further comprises 0.1 to 10 parts by weight, based on a total of (A') and (B) of 100 parts by weight, of a phenolic antioxidant (H).

6. An adhesive tape comprising a plastic film and an adhesive applied on at least one side of the plastic film, the adhesive being made by curing the adhesive composition according to claim 1 or 3.